

**Subpart G—Denaturants
Authorized for Denatured Spirits**

**§ 21.151 List of denaturants authorized
for denatured spirits.**

Following is an alphabetical listing of denaturants authorized for use in denatured spirits:

DENATURANTS AUTHORIZED FOR COMPLETELY DENATURED ALCOHOL (C.D.A), SPECIALLY DENATURED ALCOHOL (S.D.A.), AND SPECIALLY DENATURED RUM (S.D.R.)

Acetaldehyde	.....	S.D.A. 29.
Acetone, U.S.P	.....	S.D.A. 23–A, 23–H.
Acetalol	.....	C.D.A. 18.
Almond oil, bitter, N.F.X	.....	S.D.A. 38–B.
Alpha Terpineol	.....	S.D.A. 38–B.
Ammonia, aqueous	.....	S.D.A. 36.
Ammonia solution, strong, N.F	.....	S.D.A. 36.
Anethole, N.F	.....	S.D.A. 38–B.
Anise oil, N.F	.....	S.D.A. 38–B.
Bay oil (myrcia oil), N.F.XI	.....	S.D.A. 23–F, 38–B, 39–D.
Benzaldehyde, N.F	.....	S.D.A. 38–B.
Benzene	.....	S.D.A. 2–B, 2–C, 12–A.
Bergamot oil, N.F.XI	.....	S.D.A. 23–F, 38–B.
Bone oil (Dipple's oil)	.....	S.D.A. 17.
Boric acid, N.F	.....	S.D.A. 38–F.
Brucine alkaloid	.....	S.D.A. 40.
Brucine sulfate, N.F.IX	.....	S.D.A. 40.
<i>n</i> -Butyl alcohol	.....	S.D.A. 44.
<i>tert</i> -Butyl alcohol	.....	S.D.A. 39, 39–A, 39–B, 40, 40–A, 40–B, 40–C.
Camphor, U.S.P	.....	S.D.A. 27, 27–A, 38–B.
Caustic soda, liquid	.....	S.D.A. 36.
Cedar leaf oil, U.S.P.XIII	.....	S.D.A. 38–B.
Chloroform	.....	S.D.A. 20.
Chlorothymol, N.F.XII	.....	S.D.A. 38–B, 38–F.
Cinchonidine	.....	S.D.A. 39–A.
Cinchonidine sulfate, N.F.IX	.....	S.D.A. 39–A.
Cinnamic aldehyde (cinnamaldehyde), N.F.IX.	.....	S.D.A. 38–B.
Cinnamon oil, N.F	.....	S.D.A. 38–B.
Citronella oil, natural	.....	S.D.A. 38–B.
Clove oil, N.F	.....	S.D.A. 27–A, 38–B.
Coal tar, U.S.P	.....	S.D.A. 38–B.
Denatonium benzoate, N.F.	.....	S.D.A. 1, 40–B.
Diethyl phthalate	.....	S.D.A. 39–B, 39–C.
Ethyl acetate	.....	S.D.A. 29, 35, 35–A.
Ethyl ether	.....	S.D.A. 13–A, 19, 32.
Eucalyptol, N.F.XII	.....	S.D.A. 37, 38–B.
Eucalyptus oil, N.F	.....	S.D.A. 38–B.
Eugenol, U.S.P	.....	S.D.A. 38–B.
Formaldehyde solution, U.S.P	.....	S.D.A. 22, 38–C, 38–D.
Gasoline	.....	C.D.A. 18, 19; S.D.A. 28–A.
Gasoline, unleaded	.....	C.D.A. 18, 19, 20; S.D.A. 28–A.
Gentian violet	.....	S.D.A. 33.
Gentian violet, U.S.P	.....	S.D.A. 33.
Glycerin (Glycerol), U.S.P	.....	S.D.A. 31–A.
Green soap, U.S.P	.....	S.D.A. 27–B.
Guaiacol, N.F.X	.....	S.D.A. 38–B.
Heptane	.....	C.D.A. 18, 19; S.D.A. 2–B, 28–A.
Hydrochloric acid, N.F	.....	S.D.A. 38–F.
Iodine, U.S.P	.....	S.D.A. 25, 25–A.
Isopropyl alcohol	.....	S.D.A. 3–C.
Kerosene	.....	C.D.A. 18, 19, 20.
Kerosene (deodorized)	.....	C.D.A. 18, 19, 20.
Lavender oil, N.F	.....	S.D.A. 27–B, 38–B.
Menthol, U.S.P	.....	S.D.A. 37, 38–B, 38–C, 38–D, 38–F.

DENATURANTS AUTHORIZED FOR COMPLETELY DENATURED ALCOHOL (C.D.A), SPECIALLY DENATURED ALCOHOL (S.D.A.), AND SPECIALLY DENATURED RUM (S.D.R.)—Continued

Mercuric iodide, red, N.F.XI	.....	S.D.A. 42.
Methyl alcohol	.....	S.D.A. 1, 3–A, 30.
Methylene blue, U.S.P	.....	S.D.A. 4; S.D.R. 4.
Methyl isobutyl ketone	.....	C.D.A. 18, 19; S.D.A. 1, 23–H.
Methyl <i>n</i> -butyl ketone	.....	C.D.A. 18, 19; S.D.A. 1.
Methyl salicylate, N.F	.....	S.D.A. 38–B, 46.
Mustard oil, volatile (allyl isothiocyanate), U.S.P.XII.	.....	S.D.A. 38–B.
Nicotine solution	.....	S.D.A. 4; S.D.R. 4.
Nitropropane, mixed isomers of	.....	C.D.A. 18, 19; S.D.A. 1.
Peppermint oil, N.F	.....	S.D.A. 38–B.
Phenol, U.S.P	.....	S.D.A. 38–B, 46.
Phenyl mercuric benzoate	.....	S.D.A. 42.
Phenyl mercuric chloride, N.F.IX	.....	S.D.A. 42.
Phenyl mercuric nitrate, N.F	.....	S.D.A. 42.
Phenyl salicylate (salol), N.F.XI	.....	S.D.A. 38–B.
Pine needle oil, dwarf, N.F.	.....	S.D.A. 38–B.
Pine oil, N.F.	.....	S.D.A. 38–B.
Pine tar, U.S.P	.....	S.D.A. 3–B.
Polysorbate 80, N.F	.....	S.D.A. 38–F.
Potassium iodide, U.S.P	.....	S.D.A. 25, 25–A, 42.
Pyridine bases	.....	S.D.A. 6–B.
Pyronate	.....	C.D.A. 18.
Quassia, fluid extract, N.F.VII	.....	S.D.A. 39.
Quassin	.....	S.D.A. 40.
Quinine, N.F.X	.....	S.D.A. 39–A.
Quinine bisulfate, N.F.XI	.....	S.D.A. 39–A, 39–D.
Quinine dihydrochloride, N.F.XI	.....	S.D.A. 39–A.
Quinine sulfate, U.S.P	.....	S.D.A. 39–D.
Resorcinol (Resorcin), U.S.P	.....	S.D.A. 23–F.
Rosemary oil, N.F. XII	.....	S.D.A. 27, 38–B.
Rubber hydrocarbon solvent	.....	C.D.A. 18, 19, 20; S.D.A. 2–B, 2–C, 28–A.
Safrole	.....	S.D.A. 38–B.
Salicylic acid, U.S.P	.....	S.D.A. 23–F, 39.
Sassafras oil, N.F.XI	.....	S.D.A. 38–B.
Shellac (refined)	.....	S.D.A. 45.
Soap, hard, N.F.XI	.....	S.D.A. 31–A.
Sodium iodide, U.S.P	.....	S.D.A. 25, 25–A.
Sodium, metallic	.....	S.D.A. 2–C.
Sodium salicylate, U.S.P	.....	S.D.A. 39, 39–D.
Spearmint oil, N.F	.....	S.D.A. 38–B.
Spearmint oil, terpeneless	.....	S.D.A. 38–B.
Spike lavender oil, natural	.....	S.D.A. 38–B.
Storax, U.S.P	.....	S.D.A. 38–B.
Sucrose octaacetate	.....	S.D.A. 40–A.
Thimerosal, U.S.P	.....	S.D.A. 42.
Thyme oil, N.F.XII	.....	S.D.A. 38–B.
Thymol, N.F	.....	S.D.A. 37, 38–B, 38–F.
Tolu balsam, U.S.P	.....	S.D.A. 38–B.
Toluene	S.D.A. 2–B, 2–C, 12–A.
Turpentine oil, N.F.XI	S.D.A. 38–B.
Vinegar	S.D.A. 18.
Zinc chloride, U.S.P	S.D.A. 38–F.

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